

The properties of ...

H/012/63/000/001/002/002
D286/D308

Equations are derived and an approximation is given, for the effective diameter and surface area. (To be continued). There are 4 figures and 2 tables.

ASSOCIATION: Nehczvegyipari Kutató Intézet (Research Institute for Industrial Chemistry)

SUBMITTED: September 26, 1962

Card 2/2

CSORDAS, Zoltan

Properties and sizing of loose membranes. Pt.2. Meres
automat 11 no.3;101-103 '63.

1. Nevezvegyipari Kutato Intezet.

CSORDAS, Zoltan

Properties and sizing of loose membranes. Pt. 3. Meres automat
ll no. 4/5:147-148 '63.

1. Nevezvegyipari Kutato Intezet.

CSORDAS, Zoltan

Fundamentals of control engineering. Magy kem lap 19 no. 1:
42-45 Ja '64.

1. Nevezvegyipari Kutato Intezet.

CSORDAS, Zoltan

Controlled section in technological processes. Magy kem lap
19 no. 3:148-152 Mr '64.

1. Research Institute of the Heavy Chemical Industry.

CSORDAS, Zoltan

Character and classification of the controlled sections
of the chemical industrial processes. Magy kem lap 19
no. 4:211-216 Ap '64.

1. Research Institute of the Heavy Chemical Industry.

CSORDAS, Zoltan

Automatic control equipments. Magy kem lap 19 no.5:270-
276 My '64.

1. Research Institute of the Heavy Chemical Industry.

CSORDAS, Zoltan

Properties and dimensioning of loose membranes. Pt. 4. Meres
Automat 11 no.7:222-227 - '63.

1. Nehezvegyipari Kutato Intezet.

CSORE, P.

CSORE, P. Basic principles of a wage system to stimulate saving of materials and improvement of quality in the sawing industry. p. 187.
PAIRPAR. Budapest. Vol. 5, No. 7, July 1955.

SOURCE: East European Accessions List (EEAL) LC Vol. 5, No. 6 June 1956

CSORE, P.; RADO, G.

Individual work in lumbering. p. 51. (Az Erdo, Vol. 6, No. 2, Feb 1957.
Budapest, Hungary)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

CSORE, Pal, dr.

Data on the history of forests in Hungary in the 11th-15th
centuries. Erdö 12 no.2:55-60 F '63.

1. Orszagos Erdeszeti Foigazgatosag foiskoadoja, Budapest.

CSORE, Pal, dr., fpeoloado

Silvicultural character of the northeastern part of Somogy County
in the first half of the 13th century. Erdö 12 no. 5:231-234 My '63.

1. Orszagos Erdeszeti Foigazgatossag, Budapest.

CSORE, Pal, dr.

Historical maps relating to Hungary in Karlsruhe. Geod kart
17 nc.1:48 '65.

CSGRI, Janos

Experiences in the application of multi-purpose power machines.
Erdo 12 no. 9-402-407 S '63.

1. Balatonfelvideki Allami Erdogan dasag igazgatoja.

CSORI, Janos

Development of the organization of forestry mechanization. Erdo
12 no.11:495-497 N '63.

1. Balatonfelvideki Allami Erdogazdasag igazgatoja.

CSORMA, Antal

Past and future of the green fields of Budapest. Épites szemle
5 no.5:146-153 '61.

CSORNAI, L.; KATONA, Z.

Reliable tubes. (To be contd.) p. 213. RADIOTECHNIKA, Budapest.
Vol. 5, no. 9, Sept. 1955.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, no. 2, Feb. 1956

CSORMAI, L.; KATONA, Z.

CSORMAI, L.; KATONA, Z. Negative grid current. (To be contd.) p. 260.

Vol. 5, No. 11, Nov. 1955.

NALICTECHNIKA

TECHNOLOGY

Budapest, Hungary

So: East European Accession, Vol. 5, No. 9, May 1956

CSCRMATI, L.; KATONA, Z.

CSCRMATI, L.; KATONA, Z. Microphonics. (To be contd.) p. 11.

Vol. 6, No. 1, Jan. 1956.

RADIOTECHNIKA
TEKHNIK
Budapest, Hungary

So: East European Accession, Vol. 5, No. 5, May 1956

CSORNAI, L.

Microphonics. (To be contd.) p. 28.

RADIOTECHNIKA. (Magyar Orkentes Honvedelmi Szovetseg) Budapest.
Vol 6, no. 2, Feb 1956.

SOURCE: EEAL, Vol 5, no. 7, July 1956.

CSCRNAI, L.

Secondary emission. p. 130.
RADIOTECHNIKA. (Magyar Onkentes
Honvedeimi Szovetseg) Budapest.
Vol. 6, no. 6, June 1956.

SOURCES: EEAL - LC Oct. 1956. Vol. 5 No. 10

SAKURAI, E; LALIN, A.

NOISE OF ELECTRONIC TUBES.

P 9 (RADIOPECHINKA) BUDAPEST, HUNGARY VOL. 7 NO 1 MAR 1957

SO: MONTHLY INDEX OF EAST EUROPEAN ACSESSIONS (AEEI) VOL. 6 NO 11 NOVEMBER 1957

CSORNAI, L.; KATONA, Z.

Two interesting types of tubes. p. 40. (Radioteknika, Vol. 7, No. 2, Apr 1957, Budapest, Hungary)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

CSORNAI, L.

Signal computing.

P. 171 (RADIOTECHNIKA) Budapest, Hungary Vol. 7, No. 6, Aug. 1957.

SO: Monthly Index of East European Acessions (AEMI) Vol. 6, No. 11 November 1957.

CSORNAI, Laszlo

Flat picture tube. Radiotechnika 10 no.5:146-147 My '60

CSORNAL, Laszlo

Basic phenomena of transistors. Radiotekhnika 11 no.8:246-247 Ag '61,

CSORNAI, Laszlo

The h-parameters.II. Radiotekhnika 12 no.7:203 Jl '62.

CSORNAI, Laszlo

Ideas worth knowing. Radioteknika 10 no.2:63 F '60.

CSORNAI, Laszlo

Characteristics of layer transistors. Radiotekhnika 12 no.4:
4 of cover Ap '62.

CSORNAI, Laszlo

Transistor technology; h-parameters. (To be contd.) Radiotekhnika
12 no.6:164-165 Je '62.

CSORNAI, Laszlo

Critical frequency of transistors. Radioteknika 12 no.10:346
O '62.

CSORNAI, Laszlo

Structure and manufacture of transistor. Radiotekhnika 11 no.5:
136-137 My '61

CSORNAI, Laszlo

Transistor noise. Radiotekhnika 12 no.12; 398-400 D '62.

CSORNAI, Laszlo

Electronics. Pt. 2. Radioteknika 13 no.8:298 Ag 163.

CSONAI, Laszlo

Electronics. Pt. 3. Radiotechnika 13 no.9:350-351 S '63.

CSORNAI, Laszlo

Electronics. Pt. 4. Application of nuclear physical phenomena
in electronics. Radiotekhnika 13 no.11:434-435 N '63.

CSORNAI, Laszlo

Electronics. Radiotekhnika 14 no. 3:91 Mr '64.

CSORNAI, Laszlo

Electronics. Pt. 8. Radioteknika 14 no.8:284-287 Ag '64.

CSORNAI, Laszlo

What is electronics? Radiotekhnika 13 no.7:274-275 Jl '63.

CSORNAI, Laszlo

Electronics, Pt.6. Radioteknika 14 no.2:48-49 F'64.

CSORNAI, Laszlo

Electronics, Pt. 5. Radiotekhnika 14 no. 1:28-29 Ja '64.

CSORNAI, Laszlo; KATONA, Zoltan

Symbolic representation of the states and processes of
electronic circuits. Meres automat 12 no.4/5:169-172
'64.

1. United Incandescent Lamp and Electricity Company,
Budapest (for Csornai). 2. MEDICOR Works (for Katona).

CSORNAI, Laszlo

Electronics. Radiotekhnika 14 no.10:367-369 O '64.

HUVE, Istvan; CSORNAI, Laszlo

Short history of semiconductor tools. Radiotekhnika 14
no.11:432-435 N '64.

CSORNAI, Laszlo

Self-generative circuits. Radiotekhnika 14 no.12:445-447 D '64.

CSORNAI, Laszlo

Semiconductors. Radiotekhnika 5 no.5:171-172 My '65.

BARNA, Kornell, dr.; CSORNAY, Jozsef, dr.; HEMETH-CSOKA, Mihaly

Clinical and pathological observations on distomiasis in adults.
Orv. hetil. 98 no.14:358-361 7 Apr 57.

1. A Pecsi Orvostudomanyi Egyetem I. sz. Belklinikajának
(igazgató: Angyan, János, dr. egyet. tanár) és Korbontani
Intezetének (igazgató: Romhányi, György, dr. egyet. tanár)
korlátomnye.

(DISTOMIASIS, case reports

liver, familial incidence with metastases, clin. &
pathol. data (Hun))

(LIVER DISEASES, case reports

distomiasis, familial incidence with metastases, clin.
& pathol. data (Hun))

CSORNAY, M.

CSORNAY M., LEHOZKY T.

Chorionspithelioma által okozott felrvezető kisságyi tünetes-
port. Misleading cerebellar syndrome caused by chorionepitheli-
oma. Orv. hetil., Budapest, 92:25 24 June 51 p. 813-6.

1. Neurological Department (Head Physician--Prof. Dr. Tibor Lehoczky) and Prosectorium (Head Physician--Prof. Dr. Bela Radnai), Istvan Hospital, Budapest.
OIML Vol. 20, No. 10 Oct 1951

CSORNAY, M.

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R000509
GOTTSEGEN, G.; SZABÓ, I.; CSORNAY, M.

Experimental studies on the mechanism of pulmonary edema. Acta
med. hung. 6 no.3-4:367-378 1954.

1. From the Third Medical Service and Department of Pathology,
Municipal "Istvan" Hospital, Budapest.

(EDEMA, exper.
pulm., mechanism)
(LUNGS, dis.
edema, exper., mechanism)

HEMETH, Gyorgy.; MASSZI, Ferenc.; CSORMAY, Margit.

Attempted production of precancerous conditions in the stomach
with ammonium chloride. Kiserletes orvostud 7 no.4:359-366 July 55.

1. Budapesti Orvostudomanyi Egyetem II. Belklinikaja es Istvan
korhaz prosecturaja.

(NEOPLASMS, experimental,

carcinogenesis of stomach with ammonium chloride)

(AMMONIUM CHLORIDE, effects,

carcinogenesis of stomach in animals)

(STOMACH, neoplasms,

carcinogenesis with ammonium chloride in animals)

GOTTSEGEN, Gyorgy, dr.; SZAM, Istvan, dr.; CSORNAY, Margit, dr.

Studies on pulmonary edema, caused by high oxygen pressure.
Magy. belorv. arch. 9 no.1:26-29 Feb 56.

1. A Fovarosi Istvan-Korhaz (Igazgato: Katona, Istvan dr.)
III. Belosztalyanak (Foorvos: Gottsegen, Gyorgy dr.)
Prosecutajanak (Foorvos: Radnai, Bela dr.) kozlemenye.

(EDEMA, exper.

pulm., induced by high oxygen pressure in guinea pigs
& rats, ECG, pathol. & eff. of procaine (Hun))

(LUNGS, dis.

exper. edema, induced by high oxygen pressure in guinea
pigs & rats, ECG, pathol. & eff. of procaine (Hun))

(PROCAINE, eff.

on exper. pulm. edema in guinea pigs & rats (Hun))

CSORNAY, MARGIT

GOTTSEGEN Gyorgy, Dr.; SZAM Istvan, Dr.; CSORNAY Margit, Dr.

The adrenal glands and pulmonary edema. Magy. belorv. arch. 10 no.2-3:
51-55 Apr-June 57.

1..A Fovarosi Istvan Korhaz (igazgato: Katnoa Istvan dr.) III. Belosztal-
yanak (foorvos: Gottsegen Gyorgy dr.) es a Koranyi Korhaz Prosecturajanak
(foorvos: Csornay Margit dr.) koslemenye.

(GENERAL ADAPTATION SYNDROME

alarm reaction, prev. of pulm. edema in adrenalectomized
rats (Hun))

(PULMONARY EDEMA, exper.

prev. by alarm reaction in adrenalectomized rats (Hun))

(ADRENALECTOMY, exper.

prev. of pulm. edema by alarm reaction in adrenalectomized
rats (Hun))

Csornay, M.

GOTTSEGEN, Gy.; SZAM, I.; CSORNAY, M.

Adrenal gland and pulmonary edema. Acta med. hung. 11 no.1:63-71 1957.

1. 3rd Medical Service, Istvan Hospital, and Section of Pathology,
Koranyi Hospital, Budapest.

(GENERAL ADAPTATION SYNDROME

alarm reaction in prev. of pulm. edema in normal &
adrenalectomized rats.)

(PULMONARY EDEMA, exper.

prev. by elicitation of alarm reaction in normal &
adrenalectomized rats.)

(ADRENAL GLANDS, physiol.

prev. of pulm. edema by elicitation of alarm reaction
& adrenalectomized rats.

CSORNAY, MARGIT, dr.

GOTTSEGEN, Gyorgy, dr.; SZAM, Istvan, dr.; CSORNAY, Margit, dr.

Hibernators in experimental therapy of pulmonary edema. Orv.
hetil. 98 no.26:713 30 June 57.

1. A Fovarosi Istvan Korhaz III. sz. Belosztalyanak (foorvos:
Gottsegen, Gyorgy, dr.) es a Koranyi Korhaz Prosecturajanak
(foorvos: Csornay, Margit, dr.) kozlemenye.

(PULMONARY EDEMA, exper.

eff. of artif. hibernation in rats (Hun))

(HIBERNATION, ARTIFICIAL, eff.

on exper. pulm. edema in rats (Hun))

CSORNAY, M.

HUNGARY

GOTTSCEN, Gyorgy, ISTVANFFY, Maria, SZAM, Istvan, CSORNAY, Marcell
Medical University, 4th Clinic of Internal Medicine (Orvostudomanyi
Egyetem IV. Belklinikaja), National Cardiological Institute (Orszagos
Kardiologial Intezet), and the Dissecting Room of the Koranyi Hospital
(Koranyi-Korhaz prosecturaja), Budapest.

"The Role of Peripheral Receptors in the Development of Experimental
Lung Edema."

Budapest, Kiserletes Orvostudomany, Vol. 15, No 2, Apr 63, pp 185-189.

Abstract: [Authors' Hungarian summary] The development of lung edema
is not affected by the Tessalon anaesthesia of the expansion receptors
of the lungs. Affecting the chemoreceptors with capsaicin, however, re-
sults in prevention of the ammonium chloride edema in rats in about
95 percent of the cases. During the period of desensibilisation, the
animals survive even twice the lethal dose; their sensitivity to the
agent returns after the cessation of the capsaicin effect. Prior ad-
ministration of capsaicin lowers the gravity of α -naphthylthiourea
edema but has no effect on edema caused by hyperoxia. Of about 20 re-
ferences, 4 are Hungarian, the rest is Western.

1/1

GOTTSEGEN, Gyorgy; ISTWANFFY, Maria; SZAM, Istvan; CSORNAY, Margit

The role of peripheral receptors in the genesis of experimental pulmonary edema. Kiserl. orvostud. 15 no.2:185-189 Ap '63.

1. Budapest Orvostudomanyi Egyetem IV. Belklinika, Orszagos Kardiologial
Intezet es fóvarosi Koranyi-Korhaz prosecuturaja.
(PULMONARY EDEMA) (CAPSICUM) (BENZOATES)
(AMMONIUM CHLORIDE) (NAPHTHALENE) (NEURAL RECEPTORS)

CSORNOK, Lajos

Proportion of machine tools and power machines in the socialist
large-scale plants. Mezogazd techn l no.1:4-5 '61.

KASZA, L.; CSOSZ, I.K.

Cortisone and phenylbutazone in the treatment of diphtheritic group
and non-diphtheritic stenosizing laryngitis. Rumanian M Rev. no.4:
41-44 O-D '60.

(DIPHTHERIA complications) (LARÍNGITIS therapy)
(CORTISONE therapy) (PHENYLBUTAZONE therapy)

HUNGARY/Electronics - Semiconductor Devices and Photoelements

H-8

Abs Jour : Ref Zhur - Fizika, No 5, 1959, No 11133

Author : Csoti Pal

Inst : Muszeripari Kutato Intezet, Hungary

Title : Parameters of Transistors and Their Measurement

Orig Pub : Meres es automat., 1958, 6, No 2-3, 35-41

Abstract : The author considers various systems of parameters that describe the electric properties of transistors and discusses various aspects of their practical use. The principal measurements of the parameters are described and conditions are discussed, the satisfaction of which is essential in this case. The circuits of development and built devices, intended for the measurement of the parameters of transistors are described. -- Author's resume.

Card : 1/1

CSOTO, I.

CSOTO, I. - We will have enough fodder for winter. p. 15.
Vol. 11, no. 14, July 1956
Magyar Mezogazdasag. Budapest, Hungary.

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4, April 1957

L 37830-66 EWT(m)

ACC NR: AP6028494

SOURCE CODE: HU/0018/65/017/006/0625/0633

AUTHOR: Zsoldos, Tibor--Zholdosh, T.; Csovari, Mihalyne--Chevari, M.; Toth, Arpad--Tot, A.; Nagy, Lajos--Nad', L.
ORG: Health Service, Low-Activity Measurement Laboratory, Ore Mining Company of the Mecsek, Pecs (Mecseki Ercbanyaszati Vallalat, Egeszsegugyi Szolgatalat,

Alacsonyaktivitasmero Laboratorium)

TITLE: Determination of natural uranium in the urine by means of alpha-counting

SOURCE: Kiserletes orvostudomany, v. 17, no. 6, 1965, 625-633

TOPIC TAGS: natural uranium, urology, toxicology, radiation measurement

ABSTRACT: The article deals with the determination of natural uranium in the urine. Following the initial preparation of the urine, the uranium can be extracted with a 10 per cent ammonium carbonate solution of tributyl phosphate. Following repeated extraction with a 10 per cent ammonium carbonate solution, the sample remaining after distillation is prepared and its activity is measured with a low-background α counter. A 95 ± 3 per cent recovery can be achieved with this method. The toxicology of uranium compounds is discussed briefly, the literature data on the maximal permissible concentration (MPC) values of uranium in the urine are quoted and the MPC values recommended by the authors are given. The effects of ammonium carbonate and nitric acid concentration, the extraction time as well as the number of extractions on recovery have been investigated. The distribution of nitric acid between the aqueous and organic phases has been studied and the optimal conditions of the method are described in the article. Orig. art. has: 6 figures and 2 tables. [JPRS]

SUB CODE: 06, 18 / SUBM DATE: 12Feb65 / ORIG REF: 018 / OTH REF: 029

Card 1/1 MCP

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CZECHOSLOVAKIA/Nuclear Physics - Passage of Charged and Neutral
Particles Through Matter C-
Abs Jour : Ref Zhur - Fizika, No 4, 1959, No 5254

Author : Cspe Werner
Inst :
Title : On the Transparency of Commercial Glass to Neutrons.

Orig Pub : Strojnoetekn. casop., 1958, 9, No 3, 168-171

Abstract : No abstract

Card : 1/1

16

CSPREGHY-MEZNERICS, I.

The fauna of Devecser and its age. In German. p. 49.

Orszagos Magyar Termeszettudomanyi Muzeum. MAGYAR NEMZETO MUZEUM TERMESZET-TUDOMANYI MUZEUM EVKONVYE. ANNALES HISTORICO-NATURALES MUSEI NATIONALIS HUNGARICI. Budapest, Hungary. Vol. 9, 1958

Monthly list of East European Accessions (EEAI) LC, Vol. 9, no. 2, Feb. 1960

Uncl

CSPREGI, K. HORVATH, K. HORVATH, I.

A running commentary by means of Vidicon cameras; the development of Hungarian television. p. 4.

(Kep Es Hangtechnika. Vol. 3, no. 1, Jan. 1957. Budapest, Hungary)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

CSRENOK, Attila

National income during the period of the second Five-Year
Plan. Stat szemle 40 no.38253-274 Mr '62.

CSTE, Janos (Nagyszeras); HARI, Janos (Bodakajtor); TOROK, Imre
(Szeved); TURI, Laszlo (Csorna); BUJdoso, Janos (Dormand,
Szabadsag u.18) HERCZEG, Lajos (Kondorfa)

Where is the defect? Mezogazd techn 3 no. 8:15,23 '63.

CSUDINOV, B.

CSUDINOV, B. Nomogram for computation of the time required to heat sawed logs.
p. 276. Vol. 4, no. 9, Sept. 1954. FAIPAR. Budapest, Hungary.

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1957

| | | | |
|------------|---|--|-------|
| COUNTRY | : | Hungary | I |
| CATEGORY | : | High Polymer Chemistry | |
| ABS. JOUR. | : | RZKhim, No. 21 1959, No. | 77238 |
| AUTHOR | : | Csuerces, Z., Groszman, M., Geczy, I., and Juhasz, | |
| INST. | : | Hungarian Academy of Sciences | K. |
| TITLE | : | Rheological Investigations of High Polymers. IV. Rheological Studies on Polyvinylchloride Pastes.* Part II. Effect of Temperature on Polyvinylchlor- | |
| ORIG. PUB. | : | Magyar Tud Akad Kem Tud Oszt Koezl, 10, No 4, 467- 473 (1958); Acta Chim Acad Sci Hung, 19, No 1, | |
| ABSTRACT | : | The dependence of the apparent viscosity of PVC pastes obtained by the use of dialkylphthalates as plasticizers (P) (PVC/P ratios of 60 : 40, 50 : 50, 40 : 60) on the temperature has been investi- gated in the temperature range 20-60°. It has been shown that the swelling point observed by Elers and Gol'dshteyn for the dilution of PVC suspensions, above which the viscosity sharply increases, also holds for the pastes tested, at lower temperatures (25-40°). At the swelling | |

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| COUNTRY | : | Hungary | I |
| CATEGORY | : | | |
| ABS. JOUR. | : | RZKhim., No. 21 1959, No. | 77258 |
| AUTHOR | : | | |
| INST. | : | | |
| TITLE | : | | |
| ORIG. PUB. | : | | |
| ABSTRACT | : | point the viscosity passes through a minimum. The character of the above dependence is explained theoretically, starting from the concept that the pastes represent heterogeneous systems consisting of the surface-swelling PVC grains as the dispersed phase and P (containing the PVC in solution) as the dispersing medium. For the compositions PVC/P = 40 : 60 and 50 : 50 the viscosity-temperature characteristic is parallel to the viscosity curve of P up to the swelling point, from which it follows that swelling does not | |
| CARD: | 2/5 | 348 | |

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|--------------|--|-------|
| COUNTRY : | Hungary | I |
| CATEGORY : | | |
| ABS. JOUR. : | RZKhim., No. 21 1959, No. | 77238 |
| AUTHOR : | | |
| INST. : | | |
| TITLE : | | |
| ORIG. PUB. : | | |
| ABSTRACT : | occur in the pastes and that the viscosity is determined by the free P which is present in excess outside the solvation envelope. For the composition 60 : 40, the decrease in the viscosity up to the swelling temperature and the increase in viscosity above that temperature are much sharper, and are explained by the higher percentage of the P bound inside the solvation envelope. An increase in temperature leads to a decrease in the amount of bound P. Above | |

CARD: 3/5

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| CATEGORY : | | |
| ABS. JOUR. : | RZKhim., No. 21 1959, No. | 77238 |
| AUTHOR : | | |
| INST. : | | |
| TITLE : | | |
| ORIG. PUB. : | | |
| ABSTRACT : | the swelling point the P molecules begin to penetrate the interior of the PVC grains with a resulting decrease in the amount of free P present. The swelling temperature at which the viscosity goes through a minimum depends on the P used: it increases as the number of carbon atoms in the alkyl group is increased. In production practice, the PVC paste should be kept at temperatures 10-15° below the swelling point and used at temperatures a few degrees | |

CARD: 4/5

HUNGARY/Chemical Technology. Chemical Products and Their
Applications. Synthetic Polymers and Plastics.

Abs Jour: Ref Zhur-Khim., No 8, 1959, 29516.

Author : Csucroes, Z., Groszmann, M., and Zsuffa, B.

Inst :

Title : Investigation of the Perchlorination of Polyvinyl-chloride.

Orig pub: Magyar Chem Folyoirat, 64, No 5, 168-169 (1958)
(in Hungarian with German summary)

Abstract: Investigation of the perchlorination of PVC in various solvents at their boiling point has shown that the rate of the reaction is faster in high-boiling solvents than in low-boiling solvents. However, the utilization of solvents of the tetra-

Card : 1/2

HUNGARY/Chemical Technology. Chemical Products and Their
Applications. Synthetic Polymers and Plastics.

II

Abs Jour: Ref Zhur-Khim., No 8, 1959, 29516.

chloroethane (bp 150°) type is not recommended, since it can result in a partial decomposition of the polymer. The chlorination can be accelerated by the addition of a mixed catalyst (5% $TiCl_4 + PCl_5$), in the presence of which complete solubility of the polymer in acetone is achieved after 5 hrs of chlorination in dichloroethane; when 5% $TiCl_4$ is used, such an effect is achieved only after 8 hrs. -- L. Pesin.

Card : 2/2

296

G-3

| | |
|------------|---|
| COUNTRY | : Hungary |
| CATEGORY | : Organic Chemistry--Natural compounds and their synthetic analogs. |
| ABS. JOUR. | : RZKhim, No. 5 1960, No. 17940 |
| AUTHOR | : Csueroes, Z., Deak, G., and Maraszthy (Born Papp), M. |
| INST. | : Not given |
| TITLE | : The Cleavage of the Anhydro-Ring of Triacetyl-L-Glucosan with Titanium Chloride |
| ORIG. PUB. | : Period Polytech Chem Eng, 3, No 1, 25-36 (1959) |
| ABSTRACT | : It has been established that the previously described (G. Zempien and Z. Csueroes, Ber, 62, 993 (1929)) conversion of triacetyl-L-glucosan (I) to 1- α -chloro-2,3,4-triacetyl-D-glucose (II) by the action of two mols TiCl ₄ , proceeds only in the presence of small amounts (0.25-0.5 mol per mol of I) of water, C ₂ H ₅ OH, CH ₃ OH, phenol, acetoacetic and malonic esters, C ₂ H ₅ Cl, phthalimide, chloral hydrate, nitromethane, Wofatit, or CH ₃ COOH, which are designated as co-catalysts; the presence of |

CARD: 1/4

| | |
|------------|---|
| COUNTRY | : Hungary |
| CATEGORY | : |
| ABS. JOUR. | : RZKhim, No. 5 1960, No. 17940 |
| AUTHOR | : |
| INST. | : |
| TITLE | : |
| ORIG. PUB. | : |
| ABSTRACT | : large amounts of co-catalysts, e.g., 2 mols of alcohol, inhibits the reaction. In the absence of moisture, I and TiCl ₄ give complexes with I : TiCl ₄ ratios of 1 : 1 and 1 : 2. Under the conditions used for the reaction, the latter complex is not converted to II; for similar reasons [sic], the 1 : 1 complex and 1 mol TiCl ₄ give a product of undetermined structure instead of II. The kinetics of the reaction of I with TiCl ₄ in nitromethane have been investigated; the reaction was |

CARD: 2/4

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|------------|-----|---|-------|
| COUNTRY | : | Hungary | G-3 |
| CATEGORY | : | | |
| APS. JOUR. | : | RZKhim, No. 5 1960, No. | 17940 |
| AUTHOR | : | | |
| INST. | : | | |
| TITLE | : | | |
| ORIG. PUB. | : | | |
| ABSTRACT | : | carbonium ion at the latter which then reacts with a second molecule of $TiCl_4$; because of steric considerations, only the α -isomer of II is formed. The co-catalysts form complexes with $TiCl_4$ which facilitate the release of the chlorine atom. Tri-propionyl- and tributiryl-L-glucosans react with $TiCl_4$ in a manner similar to that of I; on the other hand, tribenzoyl- and tristearyl-L-glucosans do not react with $TiCl_4$ because of steric hindrance. V. Vekler | |
| CARD: | 4/4 | 184 | |

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v Praze, prednosta doc. dr. J. Tesar, CSA.
(ABDOMINAL INJURIES) (ACCIDENTS, TRAFFIC)
(STATISTICS) (FIRST AID)
(ALCOHOLIC BEVERAGES)
(BLOOD CHEMICAL ANALYSIS)

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(Continued on next card)

~~BUVATI~~, Gyorgy --- (Continued) Card 2.

4. Fomernok, Kozlekedes- es Postaughyi Miniszterium Kozlekedespoltikai Osztalyanak munkatrsa (for Csuhay) 5. Kozlekedes- es Postaughyi Miniszterium Autokozlekedesi Vezerigazgatosaganak szakosztalyvezetője (for Takacs) 6. MAV fointezo, a Kozlekedestudomanyi Egyesulet miskolci területi szervezetek titkara (for Csabai) 7. Fomernok, a Fovarosi Tanacs Vegrehajto Bizottsaga Kozlekedesi Igazgatosaga helyettes vezetője (for Nagy) 8. Fovarosi Tanacs Vegrehajto Bizottsaga Kozlekedesi Igazgatosaganak főjelentési előadója (for Kutás) 9. "Kozlekedestudomanyi Szemle" szerkeszto bizottsagi tagja (for Vasarhelyi) 10. Csoportvezeto fomernok, Debrecen m.j. Varosi Tanacs Vegrehajto Bizottsaga Ipari es Kozlekedesi Osztaly (for Kalnoki Kiss) 11. Rendorornagy, Csengrad Megyei Rendorfokapitansag Kozrendvedelmi Osztalya (for Gyomber) 12. Fomernok, Miskolc m.j. Varosi Tanacs Vegrehajto Bizottsaga Epitesi es Kozlekedesi Osztaly (for Tallo) 13. Fomernok, Kozlekedes-es Postaughyi Miniszterium Utosztalya (for Kozary) 14. Favorosi Tanacs Vegrehajto Bizottsaga VIII. Varosrendezesi es Epiteszeti Osztalyanak vezetője (for Szilagyi) 15. Ut-Vasuttermelő Villalat Kozlekedesi Osztalya vezetője (for Hegyi) 16. BUVATI Kozlekedesi es Kozmoszakosztalyanak vezetője, Budapest (for Berczik) 17. Pecs m.j. varos Tahosa BV Epitesi es Kozlekedesi Osztalyanak vezetője (for Marki)

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18. Szeged m.j. Varosi Tanacs Epitesi es Kozlekedesi Osztalyanak fomernoke (for Palfi Budinszki) 19. Budapest Fovarosi Tanacs Melyepitesi Tervezo Vallalat iranyito tervezosoje (for Endre Nagy) 20. Debreceni Kozlekedesi Vallalat igazgatoja (for Szatmary) 21. Budapest Fovarosi Tanacs Melyepitesi Tervezo Vallalat tervezomernoke (for Magori) 22. Budapest Fovarosi Tanacs Melyepitesi Tervezo Vallalat tervezomernoke (for Csikhelvi) 23. Miskolci Kozlekedesi Vallalat fomernoke (for Meszleri) 24. Kozlekedes- es Postaegyi Miniszterium Autokozlekedesi Foosztalyanak fomernoke (for Veroszta) 25. Szegedi Kozlekedesi Vallalat fomernoke (for Zsiga) 26. Miskolci Kozlekedesi Vallalat fokonyveloje (for Torok) 27. Debreceni Kozlekedesi Vallalat fomernoke (for Koncz) 28. Penzugyi miniszterium foeladoja (for Wessely) 29. Pecsi Kozlekedesi Vallalat igazgatoja (for Szabo) 30. Epitesugyi Miniszterium Varosrendezesi Foosztalyanak mernoke (for Komoroczi) 31. Fovarosi Villamosvasut Fomernoke (for Cintl)

(Continued on next card)

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32. 51-es Autokozlekedesi Vallalat munkatarsa (for Csontos).
33. Ut-Vasuttervező Vallalat irodavezető főmérnöke (for Jakab).
34. Budapesti Helyierdeki Vasutak osztalyvezetője (for Lovasz).
35. Magyar Államvasutak igazgatóhelyettese (for Kiss, Karoly).
36. Magyar Államvasutak vezetigazgathohelyettese (for Rodonyi).

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